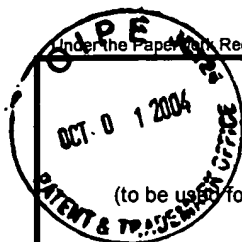


Jaw

TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

6

Application Number

10/695,313

Filing Date

October 28, 2003

First Named Inventor

Behzad

Group Art Unit

2816

Examiner Name

D.T. Le

Attorney Docket Number

13432US06

ENCLOSURES (check all that apply)

☐ Fee Transmittal Form☐ Fee Attached☐ Amendment/Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure
Statement☒ PTO 1449/08A with 47 total
references *listed*☐ Certified Copy of Priority
Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53☐ Assignment Papers
(for an Application)☐ Drawing(s) (sheets)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence
Address☐ Terminal Disclaimer☐ Request for Refund☐ CD Number of CD(s) _____☐ After Allowance Communication
to Group☐ Appeal Communication to Board
of Appeals and Interferences☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Return-Receipt Postcard☒ Other Enclosure(s) (please
identify below):

Eight foreign references

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm

or

Individual Name

McAndrews Held & Malloy Ltd.

Signature

Date

September 29, 2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 29, 2004.

Name (Print/type)

John A. Wiberg

Registration No. (Attorney/Agent)

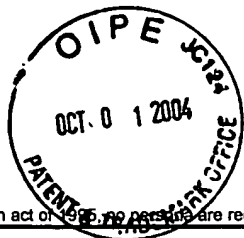
44,401

Signature

Date

September 29,
2004

PTO/SB/17 (11-00)



Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Patent Fees are subject to annual revision.

Complete if Known

| | | | | |
|-------------------------|--|------------|----------------------|------------------|
| TOTAL AMOUNT OF PAYMENT | | (\$180.00) | Application Number | 10/695,313 |
| | | | Filing Date | October 28, 2003 |
| | | | First Named Inventor | Behzad |
| | | | Examiner Name | D.T. Le |
| | | | Group Art Unit | 2816 |
| | | | Attorney Docket No. | 13432US06 |

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number
Deposit
Account
Name

13-0017

McAndrews Held & Malloy

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|------------------------|----------|
| Fee Code | Fee Code | | |
| 1001 770 | 2001 385 | Utility filing Fee | |
| 1002 340 | 2002 170 | Design filing Fee | |
| 1003 530 | 2003 265 | Plant filing fee | |
| 1004 770 | 2004 385 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |

SUBTOTAL (1) (\$0.00)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| | | | |
| Independent Claims | | | |
| Multiple Dependent | | | |

| Large Entity | Small Entity | Fee Description |
|--------------|--------------|---|
| Fee Code | Fee Code | |
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 86 | 2201 43 | Independent claims in excess of 3 |
| 1203 290 | 2203 145 | Multiple dependent claim, if not paid |
| 1204 86 | 2204 43 | **Reissue independent claims over original patent |
| 1205 18 | 2205 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$0.00)

*or number previously paid, if greater, For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------|--------------|---|----------|
| Fee Code | Fee Code | | |
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | |
| 1252 420 | 2252 210 | Extension for reply within second month | |
| 1253 950 | 2253 475 | Extension for reply within third month | |
| 1254 1,480 | 2254 740 | Extension for reply within fourth month | |
| 1255 2,010 | 2255 1,005 | Extension for reply within fifth month | |
| 1401 330 | 2401 165 | Notice of Appeal | |
| 1402 330 | 2402 165 | Filing a brief in support of an appeal | |
| 1403 290 | 2403 145 | Request for oral hearing | |
| 1451 1,510 | 1451 1510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,330 | 2453 665 | Petition to revive - unintentional | |
| 1501 1,330 | 2501 665 | Utility issue fee (or reissue) | |
| 1502 480 | 2502 240 | Design issue fee | |
| 1503 640 | 2503 320 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 770 | 2809 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 770 | 2810 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 770 | 2801 385 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination of a design application | |
| Other fee (specify) | | Processing fee for submission of IDS after receipt of first Office Action 1.17(p) | 180.00 |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180.00)

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|----------------|---|--------|-----------|--------------------|
| Name (Print/Type) | John A. Wiberg | Registration No. (Attorney or Agent) | 44,401 | Telephone | 312-775-8000 |
| Signature | | | | Date | September 29, 2004 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.



PATENT
Attorney Docket No. 13432US06

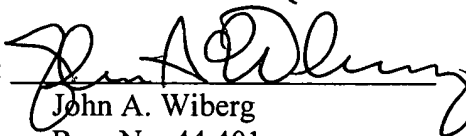
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/695,313
Applicant: A.R. Behzad et al.
Filed: October 28, 2003
For: GIGABIT ETHERNET
TRANSCIVER WITH ANALOG
FRONT END
Group Art Unit: 2816
Examiner: D.T. Le
Customer No.: 23,446

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, postage prepaid, in an envelope addressed to: MS: Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on September 29, 2004.

By:


John A. Wiberg
Reg. No. 44,401

INFORMATION DISCLOSURE STATEMENT

MS: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

ENCLOSURES

Enclosed are the following:

- * A completed PTO form 1449 (two pages).
- * Copies of eight foreign references listed in the form 1449.

FEE DETERMINATION AND PAYMENT

- * This statement and enclosures are being filed after receipt of the first Office action, therefore, a check in the amount of \$180.00 is enclosed to cover the fee.

The Commissioner is hereby authorized to charge any fees which are presently required, or

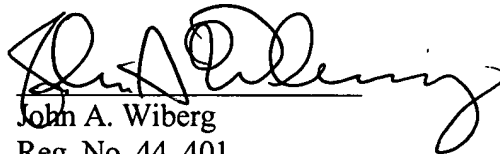
credit any overpayment, to Deposit Account No. 13-0017.

REQUEST FOR CONSIDERATION

This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above. The Examiner is requested to initial a copy of the PTO-1449 and return it to applicant(s) to indicate consideration of the enclosed references.

Dated: September 29, 2004

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John A. Wiberg", written over a horizontal line.

John A. Wiberg
Reg. No. 44, 401
Attorney for applicant(s)

McAndrews, Held & Malloy, Ltd.
500 West Madison Street
34th Floor
Chicago, IL 60661
(312) 775-8000



| | | |
|---|---------------------------------|-----------------------------|
| FORM PTO-1449 | SERIAL NO. 10/695,313 | CASE NO. 13432US06 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | FILING DATE October 28, 2003 | GROUP ART UNIT 2816 |
| (use several sheets if necessary) | | APPLICANT(S): Behzad et al. |

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|--------------------|------------|---------------------|--------------------|----------------|
| | 3,796,945 | 03/12/1974 | Feldman, et al. | | |
| | 3,931,584 | 01/06/1976 | Motley, et al. | | |
| | 3,963,993 | 06/15/1976 | Hoffman, et al. | | |
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| | 4,191,995 | 03/04/1980 | Farrow | | |
| | 4,274,117 | 06/16/1981 | Tomita | | |
| | 4,279,005 | 07/14/1981 | Kitamura, et al. | | |
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| | 4,546,651 | 10/15/1985 | Merrick | | |
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| | 6,101,376 | 08/08/2000 | Bell | | |
| | 6,114,980 | 09/05/2000 | Tilley, et al. | | |
| | 6,128,479 | 10/03/2000 | Fitzpatrick, et al. | | |

| | |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|---|---------------------------------|-----------------------------|
| FORM PTO-1449 | SERIAL NO. 10/695,313 | CASE NO. 13432US06 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | FILING DATE October 28, 2003 | GROUP ART UNIT 2816 |
| (use several sheets if necessary) | | APPLICANT(S): Behzad et al. |

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS/ SUBCLASS | FILING DATE |
|---------------------|--------------------|------------|-------------------|--------------------|----------------|
| | 6,147,558 | 11/14/2000 | Sculley | | |
| | 6,148,398 | 11/14/2000 | Chang, et al. | | |
| | 6,222,473 | 04/24/2001 | Castaneda, et al. | | |
| | 6,472,940 | 10/29/2002 | Behzad, et al. | | |
| | 6,621,346 | 09/16/2003 | Nabicht, et al. | | |
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| | 6,696,892 | 02/24/2004 | Behzad | | |
| | 6,731,160 | 05/04/2004 | Behzad | | |
| | | | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY | CLASS/ SUBCLASS | TRANSLATION YES | NO |
|---------------------|--------------------|---------------------|---------|--------------------|-----------------------|----|
| | JP55068712 | 05/23/1980 | Japan | | X Abstract only | |
| | UK2060292A | 09/26/1980 | Britain | | | |
| | JP5167364 | 07/02/03 | Japan | | X Abstract only | |
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| | JP59018421 | 01/30/1984 | Japan | | X Abstract only | |
| | JP61145918 | 07/3/1986 | Japan | | X Abstract only | |
| | WO 88/00773 | 01/28/1988 | PCT | | | |
| | JP63069307 | 03/29/1988 | Japan | | X Abstract only | |

| | |
|---------------------|--|
| EXAMINER INITIAL | OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.) |
|---------------------|--|

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|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.